

Title (en)

BIER MULTICAST TRAFFIC STATISTICS METHOD, DEVICE AND SYSTEM

Title (de)

VERFAHREN, VORRICHTUNG UND SYSTEM FÜR BIER-MULTICAST-VERKEHRSSTATISTIKEN

Title (fr)

PROCÉDÉ, DISPOSITIF ET SYSTÈME DE STATISTIQUES DE TRAFIC DE MULTIDIFFUSION BIER

Publication

EP 4152704 A4 20231025 (EN)

Application

EP 21818204 A 20210322

Priority

- CN 202010511126 A 20200605
- CN 202010685228 A 20200716
- CN 2021082074 W 20210322

Abstract (en)

[origin: EP4152704A1] This application provides a BIER multicast traffic statistics collection method, a device, and a system. The method includes: A first network device obtains a first BIER packet. The first network device performs traffic statistics collection on the first BIER packet based on multicast flow information, to obtain a traffic statistics collection result of the first BIER packet, where the multicast flow information is used to identify a multicast flow to which the first BIER packet belongs. The first network device sends the multicast flow information and the traffic statistics collection result of the first BIER packet to a controller. According to the technical solutions provided in this application, statistics about BIER multicast traffic can be collected.

IPC 8 full level

H04L 43/026 (2022.01); **H04L 43/062** (2022.01); **H04L 45/16** (2022.01); **H04L 45/64** (2022.01)

CPC (source: CN EP KR US)

H04L 12/1845 (2013.01 - US); **H04L 43/026** (2013.01 - EP US); **H04L 43/062** (2013.01 - EP); **H04L 43/0876** (2013.01 - CN KR); **H04L 45/16** (2013.01 - CN EP KR US); **H04L 45/34** (2013.01 - US); **H04L 45/64** (2013.01 - EP)

Citation (search report)

- [IY] EP 3413514 A1 20181212 - HUAWEI TECH CO LTD [CN]
- [Y] US 2018287935 A1 20181004 - WANG XIAORONG [CN], et al
- [A] MIRSKY ZTE CORP L ZHENG M CHEN G FIOCCOLA HUAWEI TECHNOLOGIES G: "Performance Measurement (PM) with Marking Method in Bit Index Explicit Replication (BIER) Layer; draft-ietf-bier-pmmm-oam-08.txt", no. 8, 26 May 2020 (2020-05-26), pages 1 - 9, XP015139787, Retrieved from the Internet <URL:https://tools.ietf.org/html/draft-ietf-bier-pmmm-oam-08> [retrieved on 20200526]
- See references of WO 2021244108A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 4152704 A1 20230322; **EP 4152704 A4 20231025**; CN 113765809 A 20211207; JP 2023527932 A 20230630; KR 20230017324 A 20230203; US 11870681 B2 20240109; US 2023096867 A1 20230330; WO 2021244108 A1 20211209

DOCDB simple family (application)

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